



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Inventor: Joseph Docket No.: TI-33028  
Serial No.: 09/532,510 Group Art Unit: 2171  
Filing Date: March 21, 2000 Examiner: Le, U.T.  
Title: STORAGE EFFICIENT MINIMIZATION LOGIC

Assistant Commissioner for Patents  
Washington, DC 20231

RECEIVED  
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Technology Center 2100

**MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(a)**  
I hereby certify that the above correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on 2-5-03.

*Jackie McBride*  
Jackie McBride

### **STATEMENT UNDER 37 C.F.R. § 3.73 (B) – ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

#### **IDENTIFICATION OF ASSIGNEE**

2. TEXAS INSTRUMENTS SANTA ROSA INCORPORATED  
Name of assignee

Corporation  
Type of assignee

#### **PERSON AUTHORIZED TO SIGN**

3. John C. Lindgren  
Secretary – Texas Instruments Santa Rosa Incorporated

## **BASIS OF ASSIGNEE'S INTEREST**

- A. An assignment from the inventors of the matter identified above to Alantro Communications, Inc., which was recorded in the PTO at: Reel/ Frame 010644/0317, on recordation date: 03/21/2000; and
- B. An amended and Restated Articles of Incorporation of Alantro Communications, Inc. changing the name of the corporation to Texas Instruments Santa Rosa Incorporated, being submitted for recordal herewith.

## **COPIES OF DOCUMENTS IN CHAIN OF TITLE**

Copies of the assignment and other document(s) in the chain of title are enclosed.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

By: John C. Lindgren

Title: Secretary – Texas Instruments Santa Rosa Incorporated

Signature: 

Date: 2/4/03



ALA-106



MAY 22, 2000

PTAS

BARRY R. LIPSITZ  
755 MAIN STREET  
MONROE, CT 06468



\*101305445A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/21/2000

REEL/FRAME: 010644/0317  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

JOSEPH, BRIAN

DOC DATE: 02/29/2000

ASSIGNOR:

ALANTRO COMMUNICATIONS, INC.  
141 STONY CIRCLE, SUITE 210  
SANTA ROSA, CALIFORNIA 95401

SERIAL NUMBER: 09532510  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED  
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Technology Center 2100

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

**Brian JOSEPH**

who, has/have created a certain invention for which an application for United States Letters Patent has been

[ X ] executed concurrently herewith

[ ] filed on \_\_\_\_\_ and assigned application number \_\_\_\_\_ and is

entitled:

### **STORAGE EFFICIENT MINIMIZATION LOGIC**

Do hereby sell, assign and transfer to:

**ALANTRO COMMUNICATIONS, INC.**  
a corporation of the State of California

referred to herein as "Assignee", whose address is:

141 Stony Circle, Suite 210  
Santa Rosa, California 95401  
United States of America

its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional applications) which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Application No.:

Title of Invention: STORAGE EFFICIENT MINIMIZATION LOGIC

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Witness - Signature

2/29/2000

Name of Witness Printed



Brian JOSEPH

Date: 02/29/2000

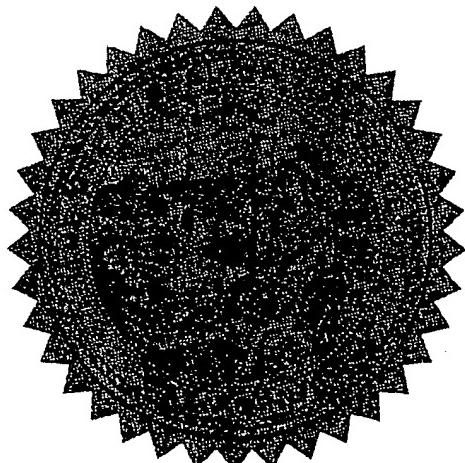
Attorney Docket No.: ALA-106



## SECRETARY OF STATE

I, *BILL JONES*, Secretary of State of the State of California,  
hereby certify:

That the attached transcript of 5 page(s) has  
been compared with the record on file in this office, of  
which it purports to be a copy, and that it is full, true  
and correct.



**IN WITNESS WHEREOF**, I execute this  
certificate and affix the Great Seal of  
the State of California this day of

SEP 19 2000

A handwritten signature in black ink that reads "Bill Jones".

Secretary of State

AMENDED AND RESTATED ARTICLES OF INCORPORATION  
OF  
ALANTRO COMMUNICATIONS, INC.

SEP 11 2000

BILL JONES, Secretary of State

The undersigned certify that:

1. They are the vice president and treasurer and the assistant secretary, respectively, of Alantro Communications, Inc., a California corporation (the "Corporation").
2. The Articles of Incorporation of the Corporation are amended and restated as follows:

FIRST: The name of the Corporation is Texas Instruments Santa Rosa Incorporated.

SECOND: The existence of the Corporation is perpetual.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California, other than the banking business, the trust company business or the practice of a profession permitted to be incorporated by the California Corporations Code.

FOURTH. The total number of shares of stock which the Corporation shall have authority to issue is 1,000 shares, all of which are of one class and of a par value of \$0.01 per share, and all of which are designated Common Stock. The Board of Directors of the Corporation may issue any or all of the aforesaid authorized shares of the Corporation from time to time for such consideration as it shall determine and may determine from time to time the amount of such consideration, if any, to be credited to paid-in surplus.

FIFTH: The number of directors constituting the board of directors is three.

SIXTH: Elections for directors need not be by ballot unless a shareholder demands election by ballot at the meeting and before the voting begins or unless the bylaws require.

SEVENTH: The directors of the Corporation shall have the power to adopt, amend, and repeal the bylaws of the Corporation.

EIGHTH: No contract or other transaction between the Corporation and one or more of its directors, or between the Corporation and any corporation, firm

or association in which one or more of its directors has a material financial interest, is either void or voidable because such director or directors or such other corporation, firm or association are parties or because such director or directors are present at the meeting of the Board of Directors or a committee thereof which authorizes, approves or ratifies the contract or transaction, if (i) the material facts as to the transaction and as to such director's interest are fully disclosed or known to the shareholders and such contract or transaction is approved by the shareholders in good faith, with the shares owned by the interested director or directors not being entitled to vote thereon; (ii) the material facts as to the transaction and as to such director's interest are fully disclosed or known to the Board of Directors or committee, and the Board of Directors or committee authorizes, approves or ratifies the contract or transaction in good faith by a vote sufficient without counting the vote of the interested director or directors and the contract or transaction is just and reasonable as to the corporation at the time it is authorized, approved or ratified; or (iii) as to contracts or transactions not approved as provided in (i) or (ii) above, the person asserting the validity of the contract or transaction sustains the burden of proving that the contract or transaction was just and reasonable as to the Corporation at the time it was authorized, approved or ratified. No contract or other transaction between the Corporation and any corporation or association of which one or more of its directors are directors is either void or voidable because such director or directors are present at the meeting of the Board of Directors or a committee thereof which authorizes, approves or ratifies the contract or transaction, if (i) the material facts as to the transaction and as to such director's other directorship are fully disclosed or known to the Board of Directors or committee, and the Board of Directors or committee authorizes, approves or ratifies the contract or transaction in good faith by a vote sufficient without counting the vote of the common director or directors or the contract or transaction is approved by the shareholders in good faith, or (ii) as to contracts or transactions not approved as provided in (i) above, the contract or transaction is just and reasonable as to Corporation at the time it is authorized, approved and ratified.

NINTH: The liability of the directors of the Corporation for monetary damages shall be eliminated to the fullest extent permissible under the California Corporations Code.

TENTH. The Corporation is authorized to provide indemnification of its agents (as defined in Section 317 of the California Corporations Code) for breach of duty to the Corporation and its shareholders through bylaw provisions or through agreements with its agents, or both, in excess of the indemnification otherwise permitted under Section 317 of the California Corporations Code, subject to the limits on such excess indemnification set forth in Section 204 of the California Corporations Code.

3. The foregoing amendment and restatement of Articles of Incorporation has been duly approved by the board of directors.

4. The foregoing amendment and restatement of Articles of Incorporation has been duly approved by the required vote of shareholders in accordance with Section 902, California Corporations Code. The total number of outstanding shares of the corporation is 1,000. The number of shares voting in favor of the amendment equaled or exceeded the vote required. The percentage vote required was more than fifty percent (50%).

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

We, the undersigned, further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

This 8<sup>th</sup> day of September, 2000.



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Name: M. Samuel Self  
Title: Vice President and Treasurer

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Name: Cynthia H. Haynes  
Title: Assistant Secretary

We, the undersigned, further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

This 8<sup>th</sup> day of September, 2000.

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Name: M. Samuel Self  
Title: Vice President and Treasurer

Cynthia H. Haynes  
Name: Cynthia H. Haynes  
Title: Assistant Secretary

